

SN 09/609,316

Page 2 of 8

IN THE CLAIMS

Please replace the previous claims with the following claims:

1-105. (canceled)

106. (currently amended) Apparatus for upgrading a capability of a set top terminal (STT), said STT adapted to receive a data stream including a plurality of compressed program signals, decompress a compressed program signal and provide a corresponding output signal adapted for use by a display device, said apparatus comprising:

a STT interface, for enabling communication with said STT; and
an upgrade decryption module, for decrypting an encrypted program signal to provide thereby a compressed program signal; and
an upgrade encryption module, for encrypting an upstream transmission signal comprising at least one of audio and video data.

107. (previously presented) The apparatus of claim 106, wherein:

said STT including a first decryption module, for decrypting a program signal encrypted according to a first encryption format;

said upgrade decryption module decrypting a program signal encrypted according to a second encryption format.

108. (previously presented) The apparatus of claim 107, wherein:

said first encryption format comprises a video encryption format; and

said second encryption format comprises an audio encryption format.

109. (previously presented) The apparatus of claim 106, further comprising:

an upgrade tuner, for selecting a channel including at least one encrypted audio stream; and

SN 09/609,316

Page 3 of 8

a demultiplexer, for coupling an encrypted audio stream to said upgrade decryption module.

110. (previously presented) The apparatus of claim 109, further comprising:
an audio decompression module, for decompressing said compressed program signal provided by said upgrade decryption module.

111. (previously presented) The apparatus of claim 106, further comprising:
a tuner, for selecting a data stream including a plurality of encrypted data streams;
a demodulator, for demodulating said data stream to produce a demodulated data stream; and
a demultiplexer, for extracting an encrypted data stream from said demodulated data stream, said encrypted data stream being coupled to said upgrade decryption module.

112. (currently amended) The apparatus of claim 106, wherein said STT includes a first processor for controlling said circuitry adapted to receive a data stream including a plurality of compressed program signals, decompress a compressed program signal and provide a corresponding output signal adapted for use by a display device, said apparatus further comprising:

an upgrade processor, for communicating with said first processor via said STT interface, said upgrade processor controlling said upgrade decryption module.

113. (previously presented) The apparatus of claim 106, wherein said STT is adapted provide user interface menu imagery via said output signal.

114. (previously presented) The apparatus of claim 106, wherein said apparatus is adapted provide user interface menu imagery via said output signal.

115. (currently amended) A set top terminal (STT) architecture, comprising:

349437-1

SN 09/609,316

Page 4 of 8

first circuitry adapted to receive a data stream including a plurality of compressed program signals, decompress a compressed program signal and provide a corresponding output signal adapted for use by a display device; and

upgrade circuitry, adapted to increase a capability of said first circuitry by providing (i) an upgrade encryptor, for encrypting an upstream transmission signal comprising at least one of audio and video data, and (ii) at least one of an upgrade tuner, an upgrade decryptor and an upgrade decompressor; and

an interface, for enabling communication between said first circuitry and said upgrade circuitry.

116. (previously presented) The architecture of claim 115, wherein:

said first circuitry including a first decryptor for decrypting a program signal encrypted according to a first encryption format;

said upgrade decryptor for decrypting a program signal encrypted according to a second encryption format.

117. (previously presented) The architecture of claim 116, wherein:

said first encryption format comprises a video encryption format; and

said second encryption format comprises an audio encryption format.

118. (previously presented) The architecture of claim 116, wherein:

said upgrade tuner selecting a channel including at least one encrypted audio stream; and

said upgrade demultiplexer coupling an encrypted audio stream to said upgrade decryption module.